

PTO-1449 REPRODUCED

OUR DOCKET NO.
3650.1004-008APPLICATION NO.
10/743,360INFORMATION DISCLOSURE CITATION
IN AN APPLICATIONFIRST NAMED INVENTOR
Stavros C. ManolagasFILING DATE
December 22, 2003

EXAMINER

Not Assigned Falk

CONFIRMATION NO.
9347

GROUP

1614 1632

July 7, 2004

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
AMF	AA	4,588,716	DeLuca,, H.F., <i>et al.</i>	05-13-1986
	AB	4,833,125	Neer, R.M., <i>et al.</i>	05-23-1989
	AC	5,118,667	Adams, S.W., <i>et al.</i>	06-02-1992
	AD	5,164,368	Recker, R.R., <i>et al.</i>	11-17-1992
	AE	5,510,370	Hock, J.M., <i>et al.</i>	04-23-1996
	AF	5,565,444	Mizushima, Y., <i>et al.</i>	10-15-1996
	AG	5,747,456	Chorev, M., <i>et al.</i>	05-05-1998
	AH	5,821,225	Vickery, B.H., <i>et al.</i>	10-13-1998
	AI	5,955,425	Morley, P., <i>et al.</i>	09-21-1999
	AJ	5,977,070	Piazza, C.T., <i>et al.</i>	11-02-1999
	AK	6,660,468 B1	Manolagas, <i>et al.</i>	12-09-2003
AMF	AA2	US 2002/0137209 A1	Kousteni, <i>et al.</i>	09-26-2002
	AB2			
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EXAMINER

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AMF	AL	WO 94/03201	02-17-1994	Hilliker, S.		
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AMF	AR	Aarden, E.M., <i>et al.</i> , "Function of Osteocytes in Bone," <i>J. Cell. Biochem.</i> 55: 287-299 (1994).
	AS	Amling, M., <i>et al.</i> , "Bcl-2 Lies Downstream of Parathyroid Hormone-related Peptide in a Signaling Pathway that Regulates Chondrocyte Maturation During Skeletal Development," <i>Journal of Cell Biology</i> 136: 205-213 (1997).
	AT	Bellido, T., <i>et al.</i> , "Overexpression of Bcl-2 Renders Osteoblastic Cells Refractory to Glucocorticoid-Induced Apoptosis," <i>Bone</i> 23: S324 (1998).
	AU	Bursch, W., <i>et al.</i> , "Determination of the Length of the Histological Stages of Apoptosis in Normal Liver and in Altered Hepatic Foci of Rats," <i>Carcinogenesis</i> 11: 847-853 (1990).
	AV	Dempster, D.W., <i>et al.</i> , "Anabolic Actions of Parathyroid Hormone on Bone," <i>Endocrine Reviews</i> 14: 690-691 (1993).
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	AY	Franceschi, R.T., <i>et al.</i> , "Regulation of Type I Collagen Synthesis by 1,25-Dihydroxyvitamin D3 in Human Osteosarcoma Cells," <i>Journal of Biological Chemistry</i> 263: 18938-18945 (1988).
	AZ	Hsu, S., <i>et al.</i> , "Color Modification of Diaminobenzene (DAB) Precipitation by Metallic Ions and its Application for Double Immunohistochemistry," <i>J. of Histochemistry and Cytochemistry</i> 30: 1079-1082 (1982).
	AR2	Jilka, R.L., "Parathyroid Hormone-Stimulated Development of Osteoclasts in Cultures of Cells from Neonatal Murine Calvaria," <i>Bone</i> 7: 29-40 (1986).
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	AV2	Jilka, R.L., <i>et al.</i> , "PTH Increases Bone Formation by Postponing Osteoblast Apoptosis, Not By Increasing Precursor Proliferation," <i>Bone 23</i> : S519 (1998).
	AW2	Jilka, R.L., <i>et al.</i> , "Osteoblast Programmed Cell Death (Apoptosis): Modulation by Growth factors and Cytokines," <i>Journal of Bone and Mineral Research 13</i> (5): 793-802 (1998).
	AX2	Kato, Y., <i>et al.</i> , "Establishment of an Osteocyte-Like Cell Line, MLO-Y4," <i>Journal of Bone and Mineral Research 12</i> : 2014-2023 (1997).
	AY2	Lane, N.E., <i>et al.</i> , "Parathyroid Hormone Treatment Can Reverse Corticosteroid-induced Osteoporosis," <i>Journal of Clinical Investigation 102</i> : 1627-1633 (1998).
	AZ2	Leaffer, D., <i>et al.</i> , "Modulation of Osteogenic Cell Ultrastructure by RS-23581, an Analog of Human Parathyroid (PTH)-Related Peptide-(1-34), and Bovine PTH-(1-34), <i>Endocrinology 136</i> (8): 3624-3631 (1995).
	AR3	Lee, K., <i>et al.</i> , "Parathyroid Hormone-Related Peptide Delays Terminal Differentiation of Chondrocytes During Endochondral Bone Development," <i>Endocrinology 137</i> : 5109-5118 (1996).
	AS3	Manolagas, S.C., <i>et al.</i> , "Bone Marrow, Cytokines, and Bone Remodeling: Emerging Insights into the Pathophysiology of Osteoporosis," <i>New England Journal of Medicine 332</i> : 305-311 (1995).
	AT3	Parfitt, A.M., <i>et al.</i> , "Bone Histomorphometry: Standardization of Nomenclature, Symbols, and Units," <i>Journal of Bone and Mineral Research 2</i> : 595-610 (1987).
	AU3	Reeve, J., <i>et al.</i> , "Anabolic Effect of Human Parathyroid Hormone fragment on Trabecular Bone in Involutional osteoporosis: a Multicentre Trial," <i>British Medical Journal 280</i> : 1333-1390 (1980).
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AMF	AX3	Sudo, H., <i>et al.</i> , "In Vitro Differentiation and Calcification in a New Clonal Osteogenic Cell Line Derived from Newborn Mouse Calvaria," <i>Journal of Cell Biology</i> 96: 191-198 (1983).
	AY3	Tam, C.S., <i>et al.</i> , "Parathyroid Hormone Stimulates the Bone Apposition rate Independently of Its Resorptive Action: Differential Effects of Intermittent and Continuous Administration," <i>Endocrinology</i> 110: 506-512 (1982).
	AZ3	Thornberry, N.A., <i>et al.</i> , "Caspases: Enemies Within," <i>Science</i> 281: 1312-1316 (1998).
	AR4	Vickery B.H., <i>et al.</i> , "RS-66271, a C-Terminally Substituted analog of Human Parathyroid Hormone-Related Protein (1-34), Increases Trabecular and Cortical Bone in Ovariectomized, Osteopenic Rats," <i>Journal of Bone and Mineral Research</i> 11: 1943-1951 (1996).
	AS4	Weinstein, R.S., <i>et al.</i> , "Inhibition of Osteoblastogenesis and Promotion of Apoptosis of Osteoblasts and Osteocytes by Glucocorticoids," <i>The Journal of Clinical Investigation</i> 102: 274-282 (1998).
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	AV4	Dempster, D.W., "Exploiting and Bypassing the Bone Remodeling Cycle to Optimize the Treatment of Osteoporosis," <i>Journal of Bone and Mineral Research</i> 12(8): 1152-1154 (1997).
	AW4	Ferretti, J.L., <i>et al.</i> , "Perspectives on Osteoporosis Research: Its Focus and Some Insights from a New Paradigm," <i>Calcif. Tissue Int.</i> 57: 399 (1995).
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AMF	AZ4	Hughes, D.E., <i>et al.</i> , "Apoptosis in Bone Physiology and Disease," MP. <i>Molecular Pathology</i> , BMJ Publishing Group, Vol. 50: 132-137 (1997) London, GB.

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AMF	AT6	Plotkin, L.I., <i>et al.</i> , "Bisphosphonates Prevent Glucocorticoid-Induced Apoptosis of Osteocytes in Vitro: a Putative Mechanism Influencing Mechanosensing," <i>Bone</i> 23: S157 (1998).

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AMF	AU6	Plotkin, L.I., <i>et al.</i> , "Prevention of Osteocyte and Osteoblast Apoptosis by Bisphosphonates and Calcitonin," <i>Journal of Clinical Investigation</i> 104(10): 1363-1374 (1999).
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	AX6	Short, B.G., <i>et al.</i> , "Automated Double Labeling of Proliferation and Apoptosis in Glutathione S-Transferase-Positive Hepatocytes in Rats," <i>Journal of Histochemistry & Cytochemistry</i> 45(9): 1299-1305 (1997).
	AY6	Verbeijen, M.H., <i>et al.</i> , "Parathyroid Hormone Activates Mitogen-activated Protein Kinase via cAMP-mediated Pathway Independent of Ras," <i>Journal of Biological Chemistry</i> 272(6): 3423-3429 (1997).
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	AT7	Gunness, M., <i>et al.</i> , "Anabolic Effect of Parathyroid Hormone on Cancellous and Cortical Bone Histology," <i>Bone</i> : 14, 277-281 (1993).
	AU7	Hill, P.A., <i>et al.</i> , "Multiple Extracellular Signals Promote Osteoblast Survival and Apoptosis," <i>Endocrinology</i> : 138(9), 3849-3858 (1997).
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AMF	AX7	Okamoto, Y., "Femoral Peak Bone Mass and Osteoclast Number in an Animal Model of Age-Related Spontaneous Osteopenia," <i>The Anatomical Record</i> : 242, 21-28 (1995).
	AY7	Cornish, J., "An In Vivo Model for the Rapid Assessment of the Local Effects of Parathyroid Hormone on Bone Histomorphometry," <i>Bone</i> : 17(4) Supp., 249S-254S (1995).
	AZ7	Fujibayashi, <i>et al.</i> , "Differential Aging Pattern of Cerebral Accumulation of Radiolabeled Glucose and Amino Acid in the Senescence Accelerated Mouse (SAM), a New Model for the Study of Memory Impairment., <i>Biological and Pharmaceutical Bulletin</i> , 17(1):102-105 (1994).
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AMF	AS8	Lane, N.E., <i>et al.</i> , "The Science and Therapy of Glucocorticoid-Induced Bone Loss", <i>Endocrinology and Metabolism Clinics of North American</i> , 27(2):465-483. (1998).
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AMF	AM	WO 99/61044	12/02/1999	The Board of Trustees of the University of Arkansas		
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